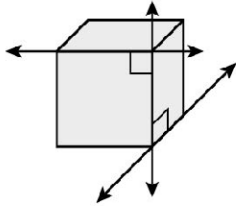


Question	Answer
6.	\overline{WY}
7.	$x + 8 < 19; x < 11$
8.	a. Given b. $\overleftrightarrow{AB} \parallel \overleftrightarrow{CD}$ c. \perp Transv. Thm.
9.	The frets are lines that are \perp to the same line (the string), so the frets must be \parallel to each other.
10.	$2x - 5 > x; x > 5$
12.	$x = 45; y = 60$
22.	The Reflex. Prop. is not true for \perp lines because a line is not \perp to itself. The Sym. Prop. is true, because if $\ell \perp m$, then ℓ and m intersect to form a 90° angle. So $m \perp \ell$. The Trans. Prop. is not true, because if $\ell \perp m$ and $m \perp n$, then $\ell \parallel n$.
23a.	It is given that $\overline{QR} \perp \overline{PQ}$ and $\overline{PQ} \parallel \overline{RS}$, so $\overline{QR} \perp \overline{RS}$ by the \perp Transv. Thm. It is given that $\overline{PS} \parallel \overline{QR}$. Since $\overline{QR} \perp \overline{RS}$, $\overline{PS} \perp \overline{RS}$ by the \perp Transv. Thm.
23b.	It is given that $\overline{PS} \parallel \overline{QR}$ and $\overline{QR} \perp \overline{PQ}$. So $\overline{PQ} \perp \overline{PS}$ by the \perp Transv. Thm.
26.	Possible answer: The two edges of cube that are skew are \perp to a third edge, but they are not \parallel . 
28.	The rungs of the ladder are lines that are all \perp to the same line, a side of the ladder, so the rungs must be \parallel .

Question	Answer
36.	$m\angle 1 = 135^\circ$